

Title (en)

HUMAN BODY INFORMATION EXTRACTION DEVICE, HUMAN BODY IMAGING INFORMATION REFERENCE PLANE CONVERSION METHOD, AND CROSS SECTION INFORMATION DETECTION DEVICE

Title (de)

VORRICHTUNG ZUR EXTRAKTION VON INFORMATIONEN ÜBER DEN MENSCHLICHEN KÖRPER, REFERENZEbenen-UMWANDLUNGSVERFAHREN VON BILDINFORMATIONEN ÜBER DEN MENSCHLICHEN KÖRPER UND NACHWEISVORRICHTUNG FÜR QUERSCHNITTSINFORMATIONEN

Title (fr)

DISPOSITIF D'EXTRACTION D'INFORMATIONS DU CORPS HUMAIN, PROCEDE DE CONVERSION DU PLAN DE REFERENCE D'INFORMATIONS D'IMAGERIE DU CORPS HUMAIN ET DISPOSITIF DE DETECTION D'INFORMATIONS EN COUPE TRANSVERSALE

Publication

EP 1808129 A4 20130619 (EN)

Application

EP 05788145 A 20050926

Priority

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- JP 2005111374 A 20050309

Abstract (en)

[origin: EP1808129A1] There is provided a human body information extraction device for extracting human body information including position information from a reference position, from 3D information on the human body elements obtained from a CT information or the like in which the position information from the reference position with respect to a human body element is unknown. In the human body information extractor device, a reference plane for positioning is detected by detecting information on a common positioning member contained in both of the 3D human body information from the CT information and a 3D model information from a human body model. The both reference planes are matched on the display so that the 3D human body information is positioned on the reference plane. Furthermore, only human information corresponding to the 3D model information is extracted from the CT information. By using this device, it is possible to obtain 3D human body information positioned on the reference plane from which a noise is excluded.

IPC 8 full level

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CPC (source: EP KR US)

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